

WARRANTY

If you have any problems with this tool, please call FPC Corporation toll-free at 1-800-860-3838 before returning it to the place of purchase.

FPC Corporation warrants this product to be free from defects in material and workmanship, under normal conditions of use and when used in accordance with FPC operating instructions, for a period of 90 days from the date of purchase by the user. Within the 90 day warranty FPC at its option shall repair or replace product. The product must be returned at the distributor/user expense, either within warranty or out. Repaired or replaced products will receive a 60 day warranty. USER MUST BE USING THE PROPER NAILS FOR THIS WARRANTY TO BE VALID. WARRANTY IS VOID IF INCORRECT TYPE OF NAILS ARE USED.

Visit us at surebonder.com for our full line of products

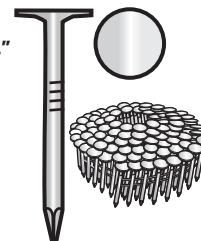


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SUREBONDER®

Model 9780 Roofing Nailer

Coiled Roofing
Nails 3/4"-1-3/4"



15°



15° Coiled Roofing Nailer

Includes: Allen wrench & oil

Operating Instructions

Read All Safety Rules and Instructions Carefully
Save this manual for Future Reference



DANGER

Improper use of this nailer can result in death or serious injury.
This manual contains important information about product safety.
Read and understand this entire manual before operating this nailer

IMPORTANT SAFETY WARNINGS:

THE SAFETY WARNINGS BELOW CANNOT COVER ALL POSSIBLE SITUATIONS THAT MAY OCCUR. THESE BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO PROTECT AGAINST PERSONAL INJURY TO THE OPERATOR OR OTHER PERSONNEL IN THE AREA, AS WELL AS DAMAGE TO THE EQUIPMENT. READ AND UNDERSTAND THESE WARNINGS BEFORE USING EQUIPMENT.

Keep tool away from children, and DO NOT allow children near work area. Do not allow children or untrained personnel to handle this nailer.

DO NOT operate this nailer while tired, or under the influence of drugs, alcohol, or medication that makes you drowsy.

Never point the nailer at yourself or others - always assume that the nailer is loaded, and proceed with caution.

Wear safety glasses and ear protection. The nailer operator and all personnel in the work area must wear safety glasses that protect the front and side, to avoid eye injury. Ear plugs should be worn to avoid hearing damage.

If operator will be working in a situation where overhead work will be done (i.e. on a ladder, stairs, or scaffolding) a hard hat must be worn.

Never wear loose clothing or jewelry because it can get caught in the moving parts of this nailer. Make sure long hair is covered, to avoid getting it caught in nailer.

Keep the nailer pointed away from yourself and others at all times. Keep hands and all body parts away from rear area of nailer (near air hose) to guard against injury. Keep hands and feet away from firing head during use.

Keep proper balance and footing at all times - do not over-reach.

Never use oxygen, bottled gas or any type of combustible fuel as a power source - it can cause an explosion and serious injury.

Do not use near flammable liquids or gases - the tool sparks during operation, and could cause an explosion and serious injury.

Use an air hose that will withstand at least 150 psi, OR 150% of the maximum pressure of the compressor.

Never connect this tool to compressed air if the pressure could exceed 200 psi, as the nailer could burst. Use only clean, dry, regulated compressed air, with pressure not exceeding 120 psi.

Do not use a non-relieving coupler with this nailer - if used, the nailer could remain charged with air after disconnecting, and would still be able to drive a nail even after being disconnected. The nailer and air hose must have a coupling so that all pressure is removed from the nailer when the coupling is disconnected.

Do not depress the trigger or safety mechanism while loading nails - accidental firing of a nail can occur. Keep your fingers away from the trigger when not firing nails. Always keep the nailer pointed downward during loading.

Do not use an air hose that is too long - nailer operator can trip over it. Make sure all connections are tight.

(WARNINGS continued next page)

PARTS SOLD SEPARATELY		
Part No.	Description	Price Each(\$)
9780-2	ELASTIC WASHER	Call
9780-4	EXHAUST COVER	Call
9780-8	CYLINDER CAP	Call
9780-11	HEAD CAP	Call
9780-15	HEAD VALVE	Call
9780-16	GASKET	Call
9780-17	SEAL AIR	Call
9780-21	PISTON HEAD	Call
9780-22	DRIVER ROD	Call
9780-24	CYLINDER RING	Call
9780-26	CYLINDER VALVE	Call
9780-30	TRIGGER VALVE	Call
9780-33	VALVE BUSHING	Call
9780-36	TRIGGER VALVE COVER	Call
9780-39	TRIGGER(A)	Call
9780-45	SWITCH	Call
9780-48	END CAP	Call
9780-51	FLAKE	Call
9780-52	GRIP HANDLE	Call
9780-54	BODY	Call
9780-56	PIN GUIDE	Call
9780-58	COVER	Call
9780-59	PISTON STOPPER	Call
9780-62	FEED PISTON	Call
9780-67	FEED PAWL(A)	Call
9780-69	NOSE(BOTTOM PLATE)	Call
9780-72	CONTACT ARM COVER	Call
9780-74	CONTACT ARM	Call
9780-76	FLAKE	Call
9780-77	LATCH	Call
9780-79	FEED PAWL(B)	Call
9780-80	DOOR	Call
9780-86	CANNISTER PLATFORM	Call
9780-87	RECEIVER(A)	Call
9780-88	CANNISTER PLATFORM	Call
9780-89	MAGAZINE GUIDE	Call
9780-91	RECEIVER(B)	Call
9780-94	MAGAZINE	Call
9780-99	PLATFORM CANNISTER	Call
9780-100	SCREW PLATE	Call
9780-101	WASHER	Call
9780-103	DRIVER BLADE SET	Call
9780-104	TRIGGER VALVE SET	Call
9780-105	TRIGGER SET	Call
9780-106	MAGAZINE SET	Call
Kit Prices		
9780-400	SEAL KIT	Call
9780-410	DRIVE PIN KIT	Call
9780-420	FASTENER KIT	Call

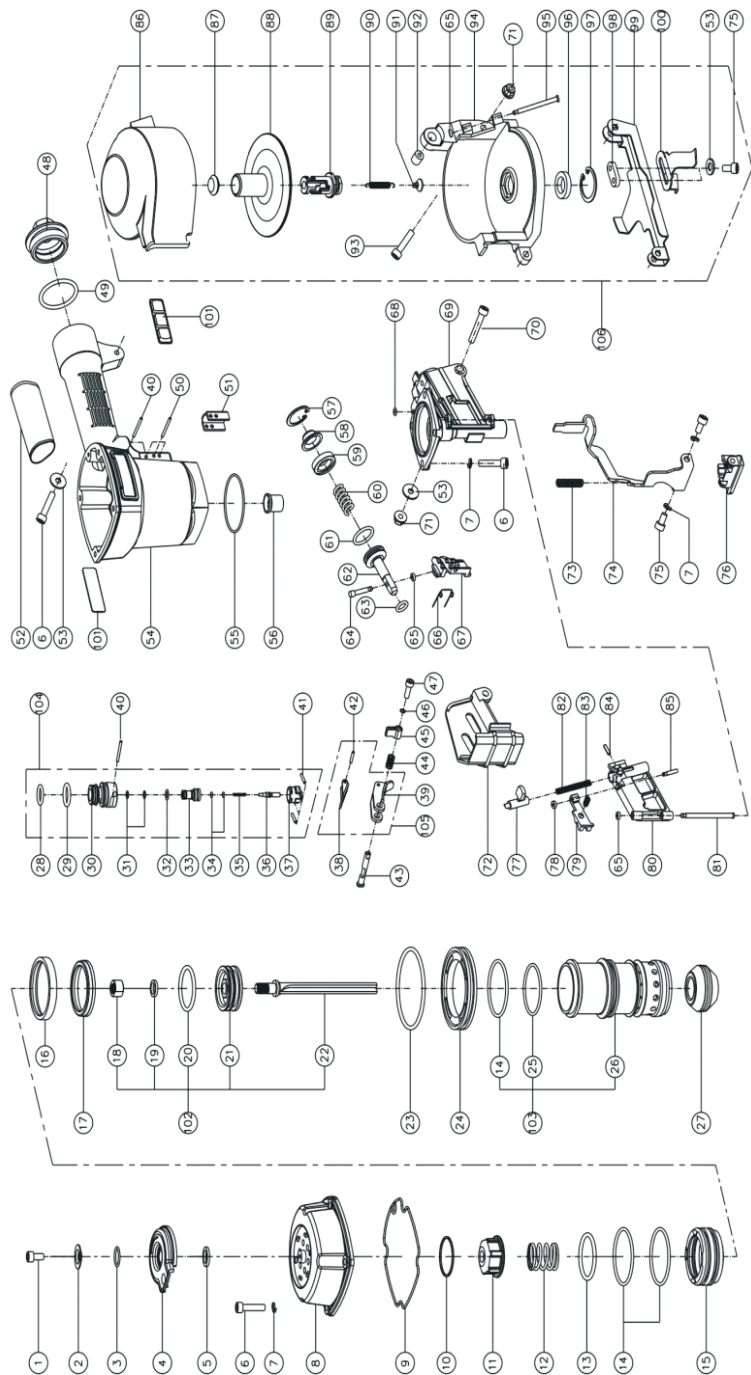
To order parts go to: www.surebonder.com

Kit #9780-420 Includes:		
Diagram No.	Description	
1	SCREW	
6	SCREW	
7	RING	
10	RING	
12	COMPRESSION SPRING	
18	SCREW	
19	SCREW	
35	SPRING	
38	TRIGGER	
40	PIN	
41	PIN	
42	PIN	
43	PIN	
44	SCREW	
46	SCREW	
47	SCREW	
50	PIN	
53	SCREW	
57	RING	
60	PIN	
64	PIN	
66	SCREW	
70	SCREW	
71	SCREW	
73	SCREW	
75	PIN	
81	PIN	
82	SPRING	
83	SPRING	
84	PIN	
85	PIN	
90	SCREW	
93	PIN	
95	PIN	
97	PIN	
98	TRIGGER	

Kit #9780-400 Includes:		
Diagram No.	Description	
3	O-RING	
5	O-RING	
9	PACKING	
13	O-RING	
14	O-RING	
20	O-RING	
23	O-RING	
25	O-RING	
27	BUMPER	
28	O-RING	
29	O-RING	
31	O-RING	
32	O-RING	
34	O-RING	
37	O-RING	
49	O-RING	
55	O-RING	
61	O-RING	
63	O-RING	
65	O-RING	
68	O-RING	
78	O-RING	
92	O-RING	
96	O-RING	

Kit #9780-410 Includes:		
Diagram No.	Description	
102	PISTON SET	

Parts List For Air Nailer 9780 W/BUMP FIRE 9-9-08



IMPORTANT SAFETY WARNINGS: continued

Disconnect air hose from nailer:
before performing maintenance.
when clearing a jam.
when tool is not in use.
when moving it to another location.
when handing nailer to another person.

DO NOT place finger on trigger when disconnecting air hose - the nailer could fire when reconnected to the air supply.

Carry nailer by the handle only, not by the air hose.

Do not drive nails close to the edge of the workpiece. It could split, allowing a nail to fly or ricochet and causing personal injury. Do not try to drive nails at too steep an angle. Make sure nailer is held firmly during firing to minimize recoil.

Do not drive a nail into very hard material, thin material, or on top of an existing nail- the nail could ricochet, causing personal injury.

Never use the nailer if it is leaking air, the contact safety mechanism is not working, nailer has missing or damaged parts, or requires repair. Make sure all screws and caps are securely tightened.

Inspect the nailer before each use to insure that the trigger, safety mechanism, and spring are operating properly. Lock the nailer in a clean, dry storage area between uses.

Only use parts, nails, and accessories supplied or recommended by FPC Corporation. Unauthorized parts or fasteners can lead to malfunction and serious injury. Only personnel trained by FPC Corporation or the distributor shall repair the stapler. Do not modify this tool in any way.

Never use in presence of flammable liquids or gases. The nailer produces sparks during operation.

Never use the nailer in sites containing lacquer, paint, benzene, thinner, gasoline, gases, adhesive agents, and other materials which are combustible or explosive.

Check for live wires. Avoid the risk of electrical shock by checking for live wires that may be hidden by walls, floors, or ceilings. Turn off the breaker switch pertaining to that work area.

Do not store the nailer in a cold weather environment. Keep the nailer in a warm area until the start of work. If it is in a cold area, bring it in a warm area and allow it to warm up before use.

Manufacturer assumes no responsibility for consequential or indirect damages from the use of this product.

Save this manual and have it available for tool operators reference!

California Proposition 65

You can create dust when you cut, sand, drill or grind materials such as: wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm. Wear protective gear.

APPLICATIONS

Including but not limited to: New Roof, ReRoof, Box Assembly, Siding

FEATURES

- Adjustable Exhaust
- Bump Trigger and Sequential Fire Operation
- Soft Grip handle reduces fatigue
- See-through nail magazine
- Contact mechanism prevents accidental firing
- Built-in shingle guide
- High impact carrying case
- Lightweight, rugged cast aluminum construction

AIR SUPPLY



DANGER

NEVER use oxygen or other bottled gases. Explosion may occur.

This nailer is designed to operate on clean, dry, regulated compressed air, between 70 and 100 psi. It is preferable to include an air filter, pressure regulator, and automatic oiler within 15 feet of the tool, if possible.

An air filter is needed to remove contaminants and moisture that are contained in compressed air; filtering will significantly prolong the life of the tool. If an automatic oiler is not installed, place 2 to 3 drops of oil into the tool's air inlet twice a day. Do not install a quick coupler directly into the tool. Higher pressure drastically reduces tool life.

The nailer comes factory-equipped with a male quick connector. The nailer must always be connected to the air supply with a coupling that removes all pressure when it is disconnected.

NOTE: all components used with this nailer (air hose, connectors, regulators, filters, etc) must be rated at 120 psi, OR 120% of the maximum compressor potential, whichever is higher. Do not connect this nailer to a system with maximum potential air pressure greater than 200 psi.

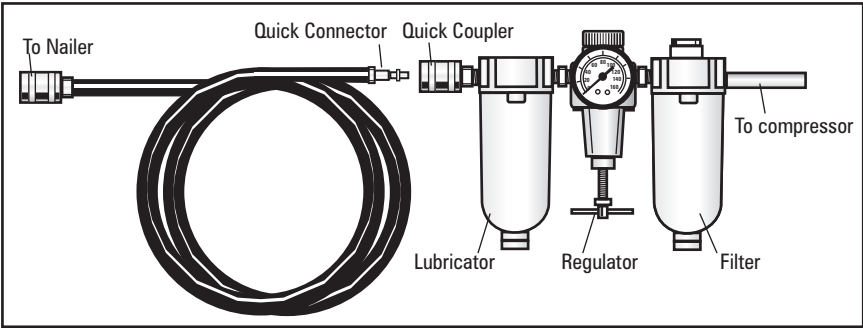
Troubleshooting

The following form lists the common operating system with problems and solutions. Please read the form carefully and follow it.

WARNING: If any of the following symptoms appears during your operation, stop using the tool immediately, or serious personal injury could result. Only a qualified persons or an authorized service center can perform repairs or replacement of tool. Disconnect tool from air supply before attempting repair or adjustment. When replacing O-rings or cylinder, lubricate with air tool oil before assembly.

Problem	Check	Correction
Trigger value leaks air	O-ring cut or cracked	Replace o-ring
Nose leaks air	O-ring or gasket is cut or cracked Bumper cracked/worn	Replace o-ring or gasket Replace bumper
Failure to cycle	Air supply restriction tool dry, lack of lubrication Broken cylinder cap spring	Check air supply equipment Use air tool lubricant Replace cylinder cap spring
Lack of power	Air pressure too low	Check air supply equipment
Slow to cycle	Broken cylinder cap spring O-rings/seals cut or cracked Exhaust blocked Tool dry, lack of lubrication	Replace cap spring Replace o-rings/seals Check bumper, head valve spring Use air tool lubricant
Nails jam in tool	Bent nails Broken/chipped driver Wrong size nail	Replace with the new nails Replace driver Replace with correct type of nail

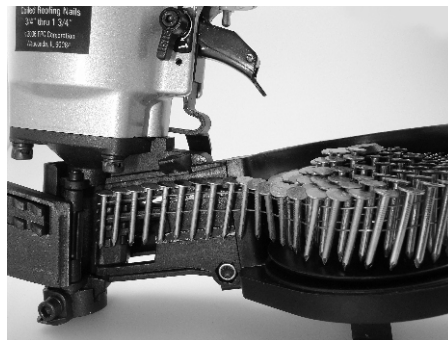
AIR CONNECTION SET UP



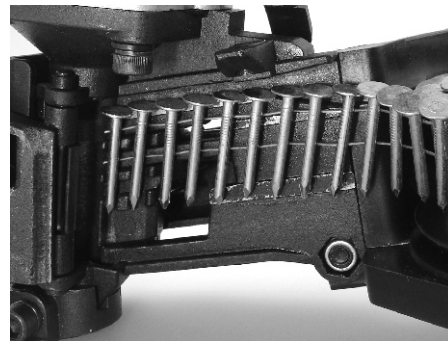
Loading Nails (continued)

To load:

Press down on locking mechanism and swing out. Then swing out the nail magazine. Insert coiled nails into the nail magazine. Do not load with contact safety mechanism or trigger depressed. Slide nails towards the front of the magazine. Pull feeder shoe completely behind the nails. Release the latch and the nails will be pushed to the front of the magazine.



Loading Nails: Insert the first nail into the front of the gun ensuring that the head lines up with the retaining slot.



Close nail magazine and swing back locking mechanism, and depress to lock in place.



Exhaust Deflector

Exhaust deflector can be positioned to point in any 360 direction. Reposition deflector by grasping firmly and rotating to the desired position.

OPERATION

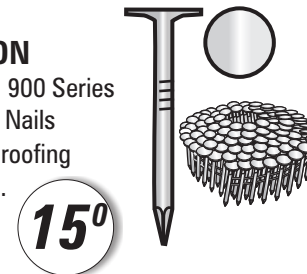


SPECIFICATIONS

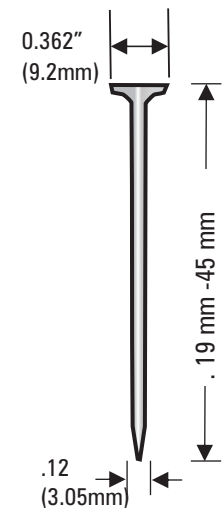
Overall Dimensions: 12.5" x 11.0" x 4.5"
 Capacity: 120 nails.
 Nail Length: 19-45mm(3/4"-1 3/4")
 Nail size: 15 Gauge(1.60x1-3/4mm)
 Operating Pressure: 70 - 100 PSI (4-7 bar)
 Air Inlet Size: 1/4" N.P.T
 Weight of Tool: 8.27 lbs.

NAIL SELECTION

Use SUREBONDER 900 Series 15° Coiled Roofing Nails or most 15° coiled roofing nails 3/4" to 1-3/4".



Nail specification



Mode of Operation

This nailer is equipped with a contact safety mechanism and does not operate unless the contact mechanism is depressed. There are two methods of operation to drive nails with this nailer. They are: 1) Intermittent operation (Trigger fire ➡) will drive a nail each time the trigger is pressed and the contact mechanism is in contact with the nailing surface. 2) Continuous Operation (Bump Fire ⇐) will drive a nail each time the contact mechanism is pushed while the trigger is pulled and held.

Intermittent Operation

Set the bump/sequential switch to Intermittent operation (Trigger Fire ➡). Push switch in and then down. Position the nail outlet on the workpiece with finger off the trigger. Depress the contact mechanism firmly until it is completely depressed, then pull the trigger to drive a nail. After each nail is driven, completely release the trigger and lift the nailer off the workpiece. To drive another nail, move the nailer along the workpiece and repeat this procedure.

Continuous Operation

Set the bump/sequential switch to Continuous operation (Bump Fire ⇐). Push switch in and then up. Pull trigger with nailer off workpiece. Depress the contact mechanism firmly until it is completely depressed to drive a nail. Move the nailer along the workpiece in a bouncing motion. Each time the contact mechanism is fully depressed a nail will be driven.

In order to avoid double fire:

- Do not push nailer on workpiece with strong force.
- Take nailer away from workpiece using recoil.
- Release trigger quickly when performing trigger fire.
- Do not drive nails into thin boards or near corners and edges of work piece.
- Nails can be driven through or away from workpiece and hit someone.
- Never drive nails from both sides of a wall at the same time. Nails can be driven into and through the wall and hit a person on the opposite side.
- Never use nailer which is defective or operating abnormally.
- Do not use nailer as a hammer.

MAINTENANCE

Lubrication

It is important that the nailer be properly lubricated. Without proper lubrication the nailer will not work properly and parts will wear prematurely. Use pneumatic tool lubricant. Do not use detergent oil or additives. These lubricants will harm the O-rings and other rubber parts. This will cause the nailer to malfunction. Filter-regulator-lubricator units should always be used. Keep the lubricator filled with pneumatic tool lubricant. If a lubricator is unavailable- supply 2 - 3 drops of pneumatic tool lubricant into the air plug on the nailer twice a day.

Cold Weather Care

Do not store the nailer in a cold weather environment. If the nailer is cold bring the nailer into a warm area and allow to warm up before use. To warm the nailer: Reduce the air pressure to 40 psi (2.8bar 2.8kgf/cm²). Remove all nails from the nailer. Connect the air hose and blank-fire the nailer. The lowered air pressure will be enough to blank-fire the nailer. Slow speed operation of the nailer tends to warm the moving parts.

Inspecting the magazine

Disconnect the air hose. Keep magazine and nose of tool clean and free of any dirt, lint or abrasive particles. Clean the magazine by removing plastic tips or wood chips which may have accumulated in the magazine. Lubricate it with pneumatic tool lubricant.

Adjusting Air Pressure



WARNING

Do not exceed 120 psi. Adjust the air pressure at recommended operating pressure 70 to 120 psi according to the length of nails and the hardness of the workpiece.

The correct air pressure is the lowest pressure which will do the job. Using the Nailer at a higher than required air pressure unnecessarily over stresses the Nailer.

Testing The Nailer



DANGER

Operators and all others within the work area must wear safety glasses with side shields conforming to ANSI Z87.1 specifications.



ANSI Z87.1

Before actually using the nailer test the nailer using the checklist below.

Disconnect air hose connection from the nailer. Remove all nails for the nailer.

1) Pull the trigger and push the contact safety mechanism.
THE CONTACT SAFETY MECHANISM AND TRIGGER MUST MOVE FREELY.

2) Adjust the air pressure to 60 psi (4.9 bars 5 kgf/cm²).

Connect air hose.

DO NOT LOAD NAILS IN THE NAILER.

THE NAILER MUST NOT LEAK AIR.

3) Hold the Nailer downward without touching the workpiece with the contact safety mechanism. Pull and hold the trigger for 5 seconds or longer.
THE NAILER MUST NOT OPERATE.

4) Remove your finger from the trigger and press the contact safety mechanism to the workpiece.
THE NAILER MUST NOT OPERATE.

5) If no abnormal operation is observed, you may load nails in the Nailer. If abnormal operation occurs, stop using the nailer and contact the service center immediately.

Loading Nails



WARNING

When loading nails into Nailer:

Disconnect tool from compressed air supply.

Do not depress trigger.

Do not depress the contact safety mechanism.

Keep Nailer pointed downward.